

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
00-0000	Total, All Occupations	307,450	338,120	30,670	10.0%	3,070	7,470	10,540		\$34,621	\$8.49	\$20.72
11-0000	Management Occupations	10,850	12,130	1,280	11.8%	130	200	330		\$83,532	\$20.51	\$49.98
11-1011	Chief Executives	490	540	50	10.2%	10	10	20	Bachelor's or higher degree + work experience	\$150,433	\$39.99	\$88.49
11-1021	General and Operations Managers	3,070	3,440	370	12.1%	40	60	100	Bachelor's or higher degree + work experience	\$96,278	\$23.33	\$57.77
11-1031	Legislators	690	650	-40	-5.8%	<5	10	10	Bachelor's or higher degree + work experience	\$22,532	\$5.91	\$13.30
11-2011	Advertising and Promotions Managers	70	90	20	28.6%	<5	<5	<5	Bachelor's or higher degree + work experience	\$65,088	\$22.09	\$35.89
11-2021	Marketing Managers	160	190	30	18.8%	<5	<5	<5	Bachelor's or higher degree + work experience	\$95,100	\$27.58	\$54.79
11-2022	Sales Managers	510	590	80	15.7%	10	10	20	Bachelor's or higher degree + work experience	\$94,340	\$22.42	\$56.83
11-2031	Public Relations Managers	60	80	20	33.3%	<5	<5	<5	Bachelor's or higher degree + work experience	\$76,109	\$23.01	\$43.38
11-3011	Administrative Services Managers	290	320	30	10.3%	<5	10	10	Bachelor's or higher degree + work experience	\$63,572	\$18.35	\$36.67
11-3021	Computer and Information Systems Managers	420	500	80	19.0%	10	10	20	Bachelor's or higher degree + work experience	\$85,934	\$29.96	\$46.99

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11-3031	Financial Managers	620	690	70	11.3%	10	10	20	Bachelor's or higher degree + work experience	\$104,854	\$31.69	\$59.77
11-3041	Compensation and Benefits Managers	90	110	20	22.2%	<5	<5	<5	Bachelor's or higher degree + work experience	\$75,588	\$23.13	\$42.94
11-3042	Training and Development Managers	50	60	10	20.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$80,249	\$23.19	\$46.28
11-3049	Human Resources Managers, All Other	100	110	10	10.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$83,933	\$27.77	\$46.64
11-3051	Industrial Production Managers	700	710	10	1.4%	<5	10	10	Bachelor's or higher degree + work experience	\$77,421	\$24.95	\$43.36
11-3061	Purchasing Managers	150	160	10	6.7%	<5	<5	<5	Bachelor's or higher degree + work experience	\$72,557	\$25.73	\$39.46
11-3071	Transportation, Storage, and Distribution Managers	170	190	20	11.8%	<5	<5	<5	Work experience in a related occupation	\$72,798	\$23.44	\$40.78
11-9011	Farm, Ranch, and Other Agricultural Managers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
11-9021	Construction Managers	220	270	50	22.7%	10	<5	10	Bachelor's degree	\$81,018	\$26.76	\$45.05
11-9031	Education Administrators, Preschool and Child Care Center/Program	90	110	20	22.2%	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
11-9032	Education Administrators, Elementary and Secondary School	310	340	30	9.7%	<5	10	10	Bachelor's or higher degree + work experience	\$74,937	Not Available	Not Available

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11-9033	Education Administrators, Postsecondary	250	290	40	16.0%	<5	10	10	Bachelor's or higher degree + work experience	\$73,166	\$22.80	\$41.36
11-9039	Education Administrators, All Other	40	40	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$59,371	\$19.44	\$33.10
11-9041	Engineering Managers	420	460	40	9.5%	<5	10	10	Bachelor's or higher degree + work experience	\$85,540	\$31.22	\$46.08
11-9051	Food Service Managers	390	460	70	17.9%	10	10	20	Work experience in a related occupation	\$38,933	\$13.16	\$21.50
11-9061	Funeral Directors	80	80	0	0.0%	<5	<5	<5	Associate degree	\$39,415	\$11.89	\$22.48
11-9071	Gaming Managers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9081	Lodging Managers	90	120	30	33.3%	<5	<5	<5	Work experience in a related occupation	\$53,470	\$15.26	\$30.93
11-9111	Medical and Health Services Managers	430	530	100	23.3%	10	10	20	Bachelor's or higher degree + work experience	\$72,205	\$24.97	\$39.59
11-9121	Natural Sciences Managers	20	20	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$81,169	\$28.08	\$44.49
11-9131	Postmasters and Mail Superintendents	70	70	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$53,103	\$20.80	\$27.89
11-9141	Property, Real Estate, and Community Association Managers	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$58,373	\$17.20	\$33.50

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11-9151	Social and Community Service Managers	210	240	30	14.3%	<5	<5	<5	Bachelor's degree	\$55,872	\$18.70	\$30.94
11-9199	Managers, All Other	550	610	60	10.9%	10	10	20	Work experience in a related occupation	\$72,021	\$21.27	\$41.30
13-0000	Business and Financial Operations Occupations	10,380	12,100	1,720	16.6%	170	190	360		\$48,786	\$12.60	\$28.88
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
13-1021	Purchasing Agents and Buyers, Farm Products	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$43,520	\$15.21	\$23.78
13-1022	Wholesale and Retail Buyers, Except Farm Products	220	230	10	4.5%	<5	10	10	Bachelor's degree	\$47,245	\$13.97	\$27.08
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	820	870	50	6.1%	10	20	30	Bachelor's degree	\$48,163	\$15.05	\$27.21
13-1031	Claims Adjusters, Examiners, and Investigators	580	700	120	20.7%	10	10	20	Long-term on-the-job training	\$36,644	\$12.69	\$20.08
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	220	250	30	13.6%	<5	10	10	Long-term on-the-job training	\$48,136	\$16.39	\$26.52
13-1051	Cost Estimators	620	730	110	17.7%	10	10	20	Bachelor's degree	\$45,965	\$14.41	\$25.94

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13-1061	Emergency Management Specialists	40	50	10	25.0%	<5	<5	<5	Work experience in a related occupation	\$51,912	\$17.83	\$28.52
13-1071	Employment, Recruitment, and Placement Specialists	260	330	70	26.9%	10	<5	10	Bachelor's degree	\$40,045	\$11.61	\$23.07
13-1072	Compensation, Benefits, and Job Analysis Specialists	200	240	40	20.0%	<5	<5	<5	Bachelor's degree	\$48,734	\$16.22	\$27.03
13-1073	Training and Development Specialists	400	450	50	12.5%	10	10	20	Bachelor's degree	\$46,920	\$13.61	\$27.03
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	680	790	110	16.2%	10	10	20	Bachelor's degree	\$24,366	\$6.05	\$14.55
13-1081	Logisticians	100	110	10	10.0%	<5	<5	<5	Bachelor's degree	\$53,610	\$19.24	\$29.04
13-1111	Management Analysts	470	540	70	14.9%	10	10	20	Bachelor's or higher degree + work experience	\$61,817	\$19.65	\$34.76
13-1121	Meeting and Convention Planners	100	120	20	20.0%	<5	<5	<5	Bachelor's degree	\$37,124	\$12.75	\$20.40
13-1199	Business Operations Specialists, All Other	1,740	2,190	450	25.9%	50	30	80	Bachelor's degree	\$47,838	\$11.75	\$28.63
13-2011	Accountants and Auditors	2,090	2,470	380	18.2%	40	40	80	Bachelor's degree	\$54,155	\$17.93	\$30.09
13-2021	Appraisers and Assessors of Real Estate	120	140	20	16.7%	<5	<5	<5	Postsecondary vocational training	\$45,084	\$12.93	\$26.05

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13-2031	Budget Analysts	60	60	0	0.0%	<5	<5	<5	Bachelor's degree	\$52,491	\$17.88	\$28.91
13-2041	Credit Analysts	90	90	0	0.0%	<5	<5	<5	Bachelor's degree	\$43,692	\$15.60	\$23.71
13-2051	Financial Analysts	140	150	10	7.1%	<5	<5	<5	Bachelor's degree	\$73,563	\$21.38	\$42.36
13-2052	Personal Financial Advisors	150	190	40	26.7%	<5	<5	<5	Bachelor's degree	\$80,254	\$17.93	\$48.91
13-2053	Insurance Underwriters	290	310	20	6.9%	<5	10	10	Bachelor's degree	\$45,150	\$15.54	\$24.79
13-2061	Financial Examiners	*	*	*	*	<5	<5	<5	Bachelor's degree	\$47,516	\$20.21	\$24.16
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree	\$63,936	\$22.47	\$34.87
13-2072	Loan Officers	590	620	30	5.1%	<5	10	10	Bachelor's degree	\$73,862	\$15.21	\$45.66
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$61,065	\$19.18	\$34.44
13-2082	Tax Preparers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$29,686	\$10.39	\$16.21
13-2099	Financial Specialists, All Other	110	130	20	18.2%	<5	<5	<5	Bachelor's degree	\$46,007	\$15.16	\$25.60

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15-0000	Computer and Mathematical Occupations	3,910	4,890	980	25.1%	100	50	150		\$55,975	\$17.25	\$31.74
15-1011	Computer and Information Scientists, Research	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
15-1021	Computer Programmers	510	480	-30	-5.9%	<5	10	10	Bachelor's degree	\$57,747	\$20.31	\$31.49
15-1031	Computer Software Engineers, Applications	550	790	240	43.6%	20	10	30	Bachelor's degree	\$68,751	\$26.55	\$36.31
15-1032	Computer Software Engineers, Systems Software	170	240	70	41.2%	10	<5	10	Bachelor's degree	\$59,134	\$18.19	\$33.55
15-1041	Computer Support Specialists	710	830	120	16.9%	10	10	20	Associate degree	\$40,033	\$13.90	\$21.92
15-1051	Computer Systems Analysts	900	1,100	200	22.2%	20	10	30	Bachelor's degree	\$58,824	\$19.40	\$32.72
15-1061	Database Administrators	120	170	50	41.7%	10	<5	10	Bachelor's degree	\$55,726	\$18.46	\$30.95
15-1071	Network and Computer Systems Administrators	450	610	160	35.6%	20	10	30	Bachelor's degree	\$53,403	\$17.19	\$29.92
15-1081	Network Systems and Data Communications Analysts	240	380	140	58.3%	10	<5	10	Bachelor's degree	\$56,843	\$17.50	\$32.24
15-1099	Computer Specialists, All Other	120	140	20	16.7%	<5	<5	<5	Associate degree	\$45,644	\$15.56	\$25.14

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15-2011	Actuaries	60	70	10	16.7%	<5	<5	<5	Bachelor's or higher degree + work experience	\$68,902	\$17.73	\$40.82
15-2021	Mathematicians	0	0	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
15-2031	Operations Research Analysts	*	*	*	*	<5	<5	<5	Master's degree	\$56,474	\$20.24	\$30.61
15-2041	Statisticians	*	*	*	*	<5	<5	<5	Master's degree	\$56,568	\$18.39	\$31.60
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
17-0000	Architecture and Engineering Occupations	4,950	5,430	480	9.7%	50	120	170		\$55,827	\$17.58	\$31.47
17-1011	Architects, Except Landscape and Naval	140	170	30	21.4%	<5	<5	<5	Bachelor's degree	\$65,616	\$22.64	\$36.00
17-1012	Landscape Architects	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-1021	Cartographers and Photogrammetrists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-1022	Surveyors	90	100	10	11.1%	<5	<5	<5	Bachelor's degree	\$45,980	\$16.64	\$24.84
17-2011	Aerospace Engineers	10	10	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*



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17-2021	Agricultural Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	\$68,539	\$26.85	\$36.00
17-2031	Biomedical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2041	Chemical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	\$74,855	\$27.86	\$40.05
17-2051	Civil Engineers	350	390	40	11.4%	<5	10	10	Bachelor's degree	\$63,203	\$21.98	\$34.59
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2071	Electrical Engineers	390	430	40	10.3%	<5	10	10	Bachelor's degree	\$68,320	\$23.95	\$37.29
17-2072	Electronics Engineers, Except Computer	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$62,049	\$23.96	\$32.77
17-2081	Environmental Engineers	100	130	30	30.0%	<5	<5	<5	Bachelor's degree	\$63,012	\$19.77	\$35.56
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$63,770	\$23.34	\$34.32
17-2112	Industrial Engineers	590	690	100	16.9%	10	10	20	Bachelor's degree	\$62,866	\$22.48	\$34.09
17-2121	Marine Engineers and Naval Architects	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*

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17-2131	Materials Engineers	60	60	0	0.0%	<5	<5	<5	Bachelor's degree	\$59,880	\$22.89	\$31.74
17-2141	Mechanical Engineers	850	920	70	8.2%	10	20	30	Bachelor's degree	\$61,280	\$22.30	\$33.04
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2161	Nuclear Engineers	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$77,517	\$25.01	\$43.40
17-2171	Petroleum Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2199	Engineers, All Other	*	*	*	*	<5	10	10	Bachelor's degree	\$62,935	\$21.65	\$34.56
17-3011	Architectural and Civil Drafters	140	140	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$37,527	\$14.00	\$20.06
17-3012	Electrical and Electronics Drafters	80	80	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$47,292	\$17.99	\$25.11
17-3013	Mechanical Drafters	400	410	10	2.5%	<5	10	10	Postsecondary vocational training	\$43,758	\$15.14	\$23.99
17-3019	Drafters, All Other	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
17-3021	Aerospace Engineering and Operations Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*

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17-3022	Civil Engineering Technicians	190	200	10	5.3%	<5	<5	<5	Associate degree	\$45,177	\$16.23	\$24.46
17-3023	Electrical and Electronic Engineering Technicians	230	250	20	8.7%	<5	10	10	Associate degree	\$44,739	\$17.03	\$23.75
17-3024	Electro-Mechanical Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
17-3025	Environmental Engineering Technicians	30	40	10	33.3%	<5	<5	<5	Associate degree	\$48,215	\$16.72	\$26.41
17-3026	Industrial Engineering Technicians	230	250	20	8.7%	<5	10	10	Associate degree	\$39,141	\$14.83	\$20.81
17-3027	Mechanical Engineering Technicians	150	160	10	6.7%	<5	<5	<5	Associate degree	\$42,952	\$16.63	\$22.66
17-3029	Engineering Technicians, Except Drafters, All Other	100	110	10	10.0%	<5	<5	<5	Associate degree	\$39,069	\$14.89	\$20.73
17-3031	Surveying and Mapping Technicians	100	110	10	10.0%	<5	<5	<5	Moderate-term on-the-job training	\$34,773	\$12.89	\$18.63
19-0000	Life, Physical, and Social Science Occupations	2,050	2,360	310	15.1%	30	50	80		\$51,871	\$14.65	\$30.08
19-1011	Animal Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	\$74,627	\$29.75	\$38.94
19-1012	Food Scientists and Technologists	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$49,615	\$16.10	\$27.73

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
19-1013	Soil and Plant Scientists	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$44,972	\$18.13	\$23.37
19-1021	Biochemists and Biophysicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1022	Microbiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1023	Zoologists and Wildlife Biologists	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$47,800	\$18.43	\$25.26
19-1029	Biological Scientists, All Other	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$81,463	\$23.03	\$47.23
19-1031	Conservation Scientists	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$50,160	\$18.17	\$27.09
19-1032	Foresters	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$37,411	\$11.86	\$21.05
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-1042	Medical Scientists, Except Epidemiologists	120	150	30	25.0%	<5	<5	<5	Doctoral degree	\$49,082	\$19.25	\$25.77
19-1099	Life Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
19-2012	Physicists	*	*	*	*	<5	<5	<5	Doctoral degree	\$52,414	\$14.17	\$30.71
19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2031	Chemists	160	160	0	0.0%	<5	10	10	Bachelor's degree	\$51,841	\$15.48	\$29.64
19-2032	Materials Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2041	Environmental Scientists and Specialists, Including Health	90	100	10	11.1%	<5	<5	<5	Master's degree	\$46,561	\$17.61	\$24.77
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-2043	Hydrologists	20	30	10	50.0%	<5	<5	<5	Master's degree	\$55,983	\$21.99	\$29.38
19-2099	Physical Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-3011	Economists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3021	Market Research Analysts	370	430	60	16.2%	10	10	20	Master's degree	\$52,937	\$14.90	\$30.73
19-3022	Survey Researchers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
19-3031	Clinical, Counseling, and School Psychologists	210	260	50	23.8%	10	10	20	Doctoral degree	\$63,450	\$20.82	\$35.35
19-3039	Psychologists, All Other	10	10	0	0.0%	<5	<5	<5	Master's degree	\$49,233	\$20.01	\$25.50
19-3041	Sociologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3051	Urban and Regional Planners	60	60	0	0.0%	<5	<5	<5	Master's degree	\$50,909	\$17.41	\$28.01
19-3091	Anthropologists and Archeologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3093	Historians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3094	Political Scientists	0	0	0	0.0%	<5	<5	<5	Master's degree	*	*	*
19-3099	Social Scientists and Related Workers, All Other	*	*	*	*	<5	<5	<5	Master's degree	\$41,228	\$16.96	\$21.25
19-4011	Agricultural and Food Science Technicians	80	80	0	0.0%	<5	<5	<5	Associate degree	\$30,275	\$11.18	\$16.24
19-4021	Biological Technicians	70	80	10	14.3%	<5	<5	<5	Associate degree	\$28,387	\$11.46	\$14.74
19-4031	Chemical Technicians	110	110	0	0.0%	<5	<5	<5	Associate degree	\$36,274	\$13.15	\$19.58

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
19-4041	Geological and Petroleum Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4061	Social Science Research Assistants	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4091	Environmental Science and Protection Technicians, Including Health	40	40	0	0.0%	<5	<5	<5	Associate degree	\$29,826	\$10.12	\$16.45
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4093	Forest and Conservation Technicians	20	30	10	50.0%	<5	<5	<5	Associate degree	\$36,859	\$11.80	\$20.68
19-4099	Life, Physical, and Social Science Technicians, All Other	150	190	40	26.7%	<5	<5	<5	Associate degree	\$38,547	\$11.40	\$22.10
21-0000	Community and Social Services Occupations	4,690	5,480	790	16.8%	80	90	170		\$38,256	\$12.11	\$21.53
21-1011	Substance Abuse and Behavioral Disorder Counselors	*	*	*	*	<5	<5	<5	Master's degree	\$37,587	\$12.61	\$20.80
21-1012	Educational, Vocational, and School Counselors	320	370	50	15.6%	10	10	20	Master's degree	\$46,990	\$14.65	\$26.56
21-1013	Marriage and Family Therapists	60	70	10	16.7%	<5	<5	<5	Master's degree	\$37,907	\$15.50	\$19.59
21-1014	Mental Health Counselors	120	140	20	16.7%	<5	<5	<5	Master's degree	\$39,506	\$13.20	\$21.89

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
21-1015	Rehabilitation Counselors	170	200	30	17.6%	<5	<5	<5	Master's degree	\$30,386	\$9.74	\$17.04
21-1019	Counselors, All Other	90	100	10	11.1%	<5	<5	<5	Master's degree	\$41,241	\$14.00	\$22.74
21-1021	Child, Family, and School Social Workers	560	660	100	17.9%	10	10	20	Master's degree	\$45,955	\$15.48	\$25.40
21-1022	Medical and Public Health Social Workers	210	260	50	23.8%	10	<5	10	Master's degree	\$43,252	\$15.75	\$23.32
21-1023	Mental Health and Substance Abuse Social Workers	170	200	30	17.6%	<5	<5	<5	Master's degree	\$37,248	\$9.94	\$21.89
21-1029	Social Workers, All Other	*	*	*	*	<5	<5	<5	Master's degree	\$49,403	\$15.91	\$27.67
21-1091	Health Educators	70	80	10	14.3%	<5	<5	<5	Master's degree	\$39,882	\$14.82	\$21.35
21-1092	Probation Officers and Correctional Treatment Specialists	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$41,526	\$18.07	\$20.91
21-1093	Social and Human Service Assistants	670	830	160	23.9%	20	10	30	Moderate-term on-the-job training	\$30,027	\$10.93	\$16.19
21-1099	Community and Social Service Specialists, All Other	220	280	60	27.3%	10	<5	10	Bachelor's degree	\$30,362	\$10.22	\$16.79
21-2011	Clergy	1,210	1,340	130	10.7%	10	30	40	Master's degree	\$47,114	\$18.15	\$24.90



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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
21-2021	Directors, Religious Activities and Education	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
21-2099	Religious Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-0000	Legal Occupations	960	1,120	160	16.7%	20	10	30		\$74,098	\$14.58	\$46.15
23-1011	Lawyers	540	630	90	16.7%	10	10	20	First professional degree	\$102,999	\$24.37	\$62.09
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
23-1022	Arbitrators, Mediators, and Conciliators	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	\$62,937	\$19.59	\$35.59
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$39,402	\$5.95	\$25.44
23-2011	Paralegals and Legal Assistants	190	240	50	26.3%	10	<5	10	Associate degree	\$34,386	\$12.40	\$18.60
23-2091	Court Reporters	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
23-2092	Law Clerks	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-2093	Title Examiners, Abstractors, and Searchers	90	100	10	11.1%	<5	<5	<5	Moderate-term on-the-job training	\$39,629	\$13.28	\$21.94

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23-2099	Legal Support Workers, All Other	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,564	\$15.54	\$22.21
25-0000	Education, Training, and Library Occupations	14,060	16,310	2,250	16.0%	230	300	530		\$39,342	\$10.97	\$22.89
25-1011	Business Teachers, Postsecondary	130	170	40	30.8%	<5	<5	<5	Doctoral degree	\$59,098	Not Available	Not Available
25-1021	Computer Science Teachers, Postsecondary	40	50	10	25.0%	<5	<5	<5	Doctoral degree	\$59,840	Not Available	Not Available
25-1022	Mathematical Science Teachers, Postsecondary	80	100	20	25.0%	<5	<5	<5	Doctoral degree	\$50,265	Not Available	Not Available
25-1031	Architecture Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1032	Engineering Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1042	Biological Science Teachers, Postsecondary	60	80	20	33.3%	<5	<5	<5	Doctoral degree	\$57,352	Not Available	Not Available
25-1043	Forestry and Conservation Science Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

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25-1052	Chemistry Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$60,510	Not Available	Not Available
25-1053	Environmental Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1054	Physics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1063	Economics Teachers, Postsecondary	20	30	10	50.0%	<5	<5	<5	Doctoral degree	\$61,888	Not Available	Not Available
25-1064	Geography Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1065	Political Science Teachers, Postsecondary	20	30	10	50.0%	<5	<5	<5	Doctoral degree	\$59,553	Not Available	Not Available
25-1066	Psychology Teachers, Postsecondary	50	60	10	20.0%	<5	<5	<5	Doctoral degree	\$47,089	Not Available	Not Available
25-1067	Sociology Teachers, Postsecondary	20	30	10	50.0%	<5	<5	<5	Doctoral degree	\$52,722	Not Available	Not Available
25-1069	Social Sciences Teachers, Postsecondary, All Other	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$59,699	\$24.69	\$30.71

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
25-1071	Health Specialties Teachers, Postsecondary	250	320	70	28.0%	10	10	20	Master's degree	*	*	*
25-1072	Nursing Instructors and Teachers, Postsecondary	90	120	30	33.3%	<5	<5	<5	Doctoral degree	\$55,452	Not Available	Not Available
25-1081	Education Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1082	Library Science Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1121	Art, Drama, and Music Teachers, Postsecondary	120	160	40	33.3%	<5	<5	<5	Master's degree	\$46,461	Not Available	Not Available
25-1122	Communications Teachers, Postsecondary	60	80	20	33.3%	<5	<5	<5	Doctoral degree	\$60,320	Not Available	Not Available
25-1123	English Language and Literature Teachers, Postsecondary	90	120	30	33.3%	<5	<5	<5	Doctoral degree	\$48,258	Not Available	Not Available
25-1124	Foreign Language and Literature Teachers, Postsecondary	50	60	10	20.0%	<5	<5	<5	Doctoral degree	\$49,877	Not Available	Not Available

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25-1125	History Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$49,883	Not Available	Not Available
25-1126	Philosophy and Religion Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$47,633	Not Available	Not Available
25-1191	Graduate Teaching Assistants	220	270	50	22.7%	10	10	20	Bachelor's degree	*	*	*
25-1192	Home Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Master's degree	\$49,486	Not Available	Not Available
25-1194	Vocational Education Teachers, Postsecondary	*	*	*	*	10	10	20	Work experience in a related occupation	*	*	*
25-1199	Postsecondary Teachers, All Other	250	320	70	28.0%	10	10	20	Doctoral degree	\$51,465	Not Available	Not Available
25-2011	Preschool Teachers, Except Special Education	820	1,070	250	30.5%	30	10	40	Bachelor's degree	\$26,390	\$8.02	\$15.02
25-2012	Kindergarten Teachers, Except Special Education	260	300	40	15.4%	<5	<5	<5	Bachelor's degree	\$43,265	Not Available	Not Available
25-2021	Elementary School Teachers, Except Special Education	2,360	2,670	310	13.1%	30	50	80	Bachelor's degree	\$45,187	Not Available	Not Available
25-2022	Middle School Teachers, Except Special and Vocational Education	1,220	1,310	90	7.4%	10	30	40	Bachelor's degree	\$44,999	Not Available	Not Available

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25-2023	Vocational Education Teachers, Middle School	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$47,609	Not Available	Not Available
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,960	2,150	190	9.7%	20	60	80	Bachelor's degree	\$44,807	Not Available	Not Available
25-2032	Vocational Education Teachers, Secondary School	160	170	10	6.3%	<5	<5	<5	Bachelor's degree	\$46,580	Not Available	Not Available
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	280	340	60	21.4%	10	10	20	Bachelor's degree	\$46,984	Not Available	Not Available
25-2042	Special Education Teachers, Middle School	150	180	30	20.0%	<5	<5	<5	Bachelor's degree	\$44,514	Not Available	Not Available
25-2043	Special Education Teachers, Secondary School	220	250	30	13.6%	<5	10	10	Bachelor's degree	\$47,130	Not Available	Not Available
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	100	120	20	20.0%	<5	<5	<5	Bachelor's degree	\$49,457	\$17.88	\$26.72
25-3021	Self-Enrichment Education Teachers	380	440	60	15.8%	10	10	20	Work experience in a related occupation	\$29,206	\$8.86	\$16.63
25-3099	Teachers and Instructors, All Other	830	980	150	18.1%	20	10	30	Bachelor's degree	\$27,905	\$8.89	\$15.68
25-4011	Archivists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4012	Curators	20	20	0	0.0%	<5	<5	<5	Master's degree	\$41,257	\$14.40	\$22.55

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
25-4013	Museum Technicians and Conservators	10	20	10	100.0%	<5	<5	<5	Master's degree	\$34,718	\$11.65	\$19.21
25-4021	Librarians	270	270	0	0.0%	<5	10	10	Master's degree	\$46,613	\$17.37	\$24.93
25-4031	Library Technicians	300	320	20	6.7%	<5	10	10	Postsecondary vocational training	\$25,292	\$8.19	\$14.14
25-9011	Audio-Visual Collections Specialists	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$48,552	\$15.21	\$27.41
25-9021	Farm and Home Management Advisors	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$54,480	\$17.79	\$30.39
25-9031	Instructional Coordinators	100	130	30	30.0%	<5	<5	<5	Master's degree	\$49,874	\$12.97	\$29.48
25-9041	Teacher Assistants	2,100	2,430	330	15.7%	30	40	70	Associate degree	\$23,256	Not Available	Not Available
25-9099	Education, Training, and Library Workers, All Other	170	200	30	17.6%	<5	<5	<5	Bachelor's degree	\$32,436	\$8.31	\$19.23
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,660	4,100	440	12.0%	40	70	110		\$41,085	\$10.00	\$24.63
27-1011	Art Directors	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$59,535	\$21.06	\$32.40
27-1012	Craft Artists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1014	Multi-Media Artists and Animators	30	40	10	33.3%	<5	<5	<5	Bachelor's degree	\$45,724	\$16.62	\$24.67
27-1019	Artists and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1021	Commercial and Industrial Designers	110	120	10	9.1%	<5	<5	<5	Bachelor's degree	\$55,549	\$17.73	\$31.20
27-1023	Floral Designers	250	280	30	12.0%	<5	<5	<5	Moderate-term on-the-job training	\$22,955	\$9.01	\$12.05
27-1024	Graphic Designers	400	440	40	10.0%	<5	10	10	Bachelor's degree	\$36,972	\$12.66	\$20.33
27-1025	Interior Designers	110	120	10	9.1%	<5	<5	<5	Bachelor's degree	\$40,369	\$11.13	\$23.55
27-1026	Merchandise Displayers and Window Trimmers	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$21,462	\$7.24	\$11.86
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1029	Designers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*



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27-2012	Producers and Directors	70	80	10	14.3%	<5	<5	<5	Bachelor's or higher degree + work experience	\$39,589	\$13.94	\$21.58
27-2021	Athletes and Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2022	Coaches and Scouts	310	360	50	16.1%	10	10	20	Long-term on-the-job training	\$26,555	Not Available	Not Available
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2031	Dancers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2032	Choreographers	40	50	10	25.0%	<5	<5	<5	Work experience in a related occupation	\$25,221	\$8.69	\$13.84
27-2041	Music Directors and Composers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree + work experience	*	*	*
27-2042	Musicians and Singers	*	*	*	*	10	10	20	Long-term on-the-job training	*	*	*
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-3011	Radio and Television Announcers	170	150	-20	-11.8%	<5	<5	<5	Long-term on-the-job training	\$21,478	\$7.39	\$11.79
27-3012	Public Address System and Other Announcers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
27-3021	Broadcast News Analysts	40	30	-10	-25.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$55,180	\$14.09	\$32.75
27-3022	Reporters and Correspondents	110	110	0	0.0%	<5	<5	<5	Bachelor's or higher degree + work experience	\$34,361	\$12.33	\$18.61
27-3031	Public Relations Specialists	400	470	70	17.5%	10	10	20	Bachelor's degree	\$43,324	\$13.64	\$24.42
27-3041	Editors	160	180	20	12.5%	<5	<5	<5	Bachelor's degree	\$45,396	\$14.43	\$25.52
27-3042	Technical Writers	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$48,422	\$18.75	\$25.55
27-3043	Writers and Authors	90	100	10	11.1%	<5	<5	<5	Bachelor's degree	\$45,755	\$11.57	\$27.21
27-3091	Interpreters and Translators	70	80	10	14.3%	<5	<5	<5	Long-term on-the-job training	\$34,963	\$13.64	\$18.39
27-3099	Media and Communication Workers, All Other	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$33,015	\$9.52	\$19.05
27-4011	Audio and Video Equipment Technicians	50	60	10	20.0%	<5	<5	<5	Long-term on-the-job training	\$38,063	\$13.48	\$20.71
27-4012	Broadcast Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
27-4014	Sound Engineering Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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27-4021	Photographers	120	130	10	8.3%	<5	<5	<5	Bachelor's degree	\$27,817	\$9.36	\$15.38
27-4031	Camera Operators, Television, Video, and Motion Picture	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
27-4032	Film and Video Editors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-4099	Media and Communication Equipment Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-0000	Healthcare Practitioners and Technical Occupations	14,420	18,390	3,970	27.5%	400	270	670		\$56,991	\$14.74	\$33.73
29-1011	Chiropractors	120	170	50	41.7%	10	<5	10	First professional degree	\$75,994	\$19.63	\$44.99
29-1021	Dentists, General	260	300	40	15.4%	<5	<5	<5	First professional degree	\$155,010	\$50.68	\$86.45
29-1022	Oral and Maxillofacial Surgeons	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1024	Prosthodontists	0	0	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1029	Dentists, All Other Specialists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*

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29-1031	Dietitians and Nutritionists	110	130	20	18.2%	<5	<5	<5	Bachelor's degree	\$42,592	\$17.66	\$21.88
29-1041	Optometrists	50	60	10	20.0%	<5	<5	<5	First professional degree	\$103,531	\$30.14	\$59.59
29-1051	Pharmacists	460	570	110	23.9%	10	10	20	First professional degree	\$98,360	\$40.14	\$50.86
29-1061	Anesthesiologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1062	Family and General Practitioners	150	190	40	26.7%	<5	<5	<5	First professional degree	\$179,573	Not Available	Not Available
29-1063	Internists, General	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1064	Obstetricians and Gynecologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1065	Pediatricians, General	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1066	Psychiatrists	30	40	10	33.3%	<5	<5	<5	First professional degree	\$155,262	Not Available	Not Available
29-1067	Surgeons	*	*	*	*	<5	<5	<5	First professional degree	\$181,652	Not Available	Not Available
29-1069	Physicians and Surgeons, All Other	350	450	100	28.6%	10	10	20	First professional degree	\$170,414	Not Available	Not Available

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29-1071	Physician Assistants	130	200	70	53.8%	10	<5	10	Bachelor's degree	*	*	*
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1111	Registered Nurses	5,070	6,720	1,650	32.5%	170	110	280	Associate or Bachelor's degree <sup>(8)</sup>	\$54,415	\$20.63	\$28.93
29-1121	Audiologists	40	40	0	0.0%	<5	<5	<5	Doctoral degree	\$50,409	\$18.56	\$27.07
29-1122	Occupational Therapists	290	390	100	34.5%	10	<5	10	Master's degree	\$53,821	\$19.78	\$28.92
29-1123	Physical Therapists	360	480	120	33.3%	10	<5	10	Master's degree	\$62,779	\$23.89	\$33.33
29-1124	Radiation Therapists	40	50	10	25.0%	<5	<5	<5	Associate degree	\$65,333	\$25.87	\$34.18
29-1125	Recreational Therapists	70	70	0	0.0%	<5	<5	<5	Bachelor's degree	\$30,827	\$10.56	\$16.95
29-1126	Respiratory Therapists	160	210	50	31.3%	10	10	20	Associate degree	\$45,608	\$18.30	\$23.74
29-1127	Speech-Language Pathologists	210	230	20	9.5%	<5	10	10	Master's degree	\$56,019	\$20.67	\$30.07
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	\$31,237	\$12.47	\$16.29

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29-1131	Veterinarians	160	190	30	18.8%	<5	<5	<5	First professional degree	\$72,223	\$19.37	\$42.40
29-1199	Health Diagnosing and Treating Practitioners, All Other	60	70	10	16.7%	<5	<5	<5	First professional degree	\$60,179	\$22.18	\$32.31
29-2011	Medical and Clinical Laboratory Technologists	300	390	90	30.0%	10	10	20	Bachelor's degree	\$47,477	\$18.57	\$24.95
29-2012	Medical and Clinical Laboratory Technicians	190	250	60	31.6%	10	10	20	Associate degree	\$34,676	\$13.00	\$18.51
29-2021	Dental Hygienists	530	730	200	37.7%	20	10	30	Associate degree	\$56,149	\$24.39	\$28.30
29-2031	Cardiovascular Technologists and Technicians	70	90	20	28.6%	<5	<5	<5	Associate degree	\$48,478	\$16.31	\$26.81
29-2032	Diagnostic Medical Sonographers	80	110	30	37.5%	<5	<5	<5	Associate degree	\$67,311	\$26.52	\$35.28
29-2033	Nuclear Medicine Technologists	40	50	10	25.0%	<5	<5	<5	Associate degree	\$61,151	\$24.53	\$31.83
29-2034	Radiologic Technologists and Technicians	440	580	140	31.8%	10	10	20	Associate degree	\$44,390	\$15.63	\$24.20
29-2041	Emergency Medical Technicians and Paramedics	920	1,100	180	19.6%	20	10	30	Postsecondary vocational training	\$26,348	\$9.01	\$14.49
29-2051	Dietetic Technicians	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$26,951	\$9.83	\$14.52

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29-2052	Pharmacy Technicians	600	750	150	25.0%	20	10	30	Moderate-term on-the-job training	\$24,075	\$9.31	\$12.71
29-2053	Psychiatric Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$30,163	\$10.30	\$16.60
29-2054	Respiratory Therapy Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-2055	Surgical Technologists	220	300	80	36.4%	10	<5	10	Postsecondary vocational training	\$37,621	\$14.72	\$19.77
29-2056	Veterinary Technologists and Technicians	160	200	40	25.0%	<5	<5	<5	Associate degree	\$26,957	\$8.98	\$14.95
29-2061	Licensed Practical and Licensed Vocational Nurses	1,170	1,320	150	12.8%	20	30	50	Postsecondary vocational training	\$34,769	\$14.45	\$17.85
29-2071	Medical Records and Health Information Technicians	360	480	120	33.3%	10	10	20	Associate degree	\$31,099	\$10.66	\$17.10
29-2081	Opticians, Dispensing	210	240	30	14.3%	<5	<5	<5	Long-term on-the-job training	\$26,114	\$9.23	\$14.22
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-2099	Health Technologists and Technicians, All Other	200	260	60	30.0%	10	<5	10	Postsecondary vocational training	\$38,085	\$13.14	\$20.89
29-9011	Occupational Health and Safety Specialists	80	90	10	12.5%	<5	<5	<5	Bachelor's degree	\$55,313	\$17.95	\$30.91

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29-9012	Occupational Health and Safety Technicians	10	10	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$37,952	\$13.54	\$20.60
29-9091	Athletic Trainers	50	70	20	40.0%	<5	<5	<5	Bachelor's degree	\$46,816	Not Available	Not Available
29-9099	Healthcare Practitioners and Technical Workers, All Other	110	140	30	27.3%	<5	<5	<5	Postsecondary vocational training	\$37,097	\$11.62	\$20.94
31-0000	Healthcare Support Occupations	8,290	10,460	2,170	26.2%	220	130	350		\$24,933	\$9.23	\$13.36
31-1011	Home Health Aides	1,050	1,590	540	51.4%	50	10	60	Short-term on-the-job training	\$19,713	\$7.68	\$10.37
31-1012	Nursing Aides, Orderlies, and Attendants	4,310	5,010	700	16.2%	70	60	130	Postsecondary vocational training	\$23,450	\$9.48	\$12.17
31-1013	Psychiatric Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-2011	Occupational Therapist Assistants	80	100	20	25.0%	<5	<5	<5	Associate degree	\$36,942	\$14.52	\$19.38
31-2012	Occupational Therapist Aides	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$27,456	\$9.48	\$15.06
31-2021	Physical Therapist Assistants	130	180	50	38.5%	10	<5	10	Associate degree	\$39,806	\$15.96	\$20.72
31-2022	Physical Therapist Aides	80	100	20	25.0%	<5	<5	<5	Short-term on-the-job training	\$22,388	\$8.52	\$11.88



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31-9011	Massage Therapists	70	90	20	28.6%	<5	<5	<5	Postsecondary vocational training	\$29,451	\$7.70	\$17.39
31-9091	Dental Assistants	610	840	230	37.7%	20	20	40	Moderate-term on-the-job training	\$29,235	\$12.04	\$15.06
31-9092	Medical Assistants	610	890	280	45.9%	30	10	40	Moderate-term on-the-job training	\$26,903	\$10.98	\$13.91
31-9093	Medical Equipment Preparers	80	100	20	25.0%	<5	<5	<5	Short-term on-the-job training	\$28,515	\$11.68	\$14.72
31-9094	Medical Transcriptionists	420	550	130	31.0%	10	10	20	Postsecondary vocational training	\$28,649	\$11.47	\$14.93
31-9095	Pharmacy Aides	90	100	10	11.1%	<5	<5	<5	Short-term on-the-job training	\$20,811	\$7.56	\$11.23
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	120	140	20	16.7%	<5	<5	<5	Short-term on-the-job training	\$19,245	\$7.68	\$10.04
31-9099	Healthcare Support Workers, All Other	580	720	140	24.1%	10	10	20	Short-term on-the-job training	\$25,792	\$9.85	\$13.67
33-0000	Protective Service Occupations	5,200	5,590	390	7.5%	40	150	190		\$32,113	\$8.58	\$18.87
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	60	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$50,701	\$20.20	\$26.47
33-1012	First-Line Supervisors/Managers of Police and Detectives	150	160	10	6.7%	<5	10	10	Work experience in a related occupation	\$60,342	\$24.78	\$31.13

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	90	110	20	22.2%	<5	<5	<5	Work experience in a related occupation	\$53,004	\$15.52	\$30.46
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	50	50	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$45,423	\$13.85	\$25.83
33-2011	Fire Fighters	970	1,120	150	15.5%	20	30	50	Long-term on-the-job training	\$28,371	\$7.35	\$16.78
33-2021	Fire Inspectors and Investigators	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
33-3011	Bailiffs	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$21,806	\$6.89	\$12.28
33-3012	Correctional Officers and Jailers	520	530	10	1.9%	<5	10	10	Moderate-term on-the-job training	\$35,279	\$14.56	\$18.16
33-3021	Detectives and Criminal Investigators	180	190	10	5.6%	<5	10	10	Work experience in a related occupation	\$52,447	\$19.80	\$27.92
33-3031	Fish and Game Wardens	*	*	*	*	<5	<5	<5	Associate degree	\$36,044	\$13.10	\$19.44
33-3041	Parking Enforcement Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
33-3051	Police and Sheriff's Patrol Officers	1,380	1,460	80	5.8%	10	40	50	Long-term on-the-job training	\$41,829	\$15.43	\$22.45
33-3052	Transit and Railroad Police	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

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33-9011	Animal Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9021	Private Detectives and Investigators	30	40	10	33.3%	<5	<5	<5	Work experience in a related occupation	\$41,935	\$12.70	\$23.89
33-9031	Gaming Surveillance Officers and Gaming Investigators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9032	Security Guards	1,030	1,060	30	2.9%	<5	20	20	Short-term on-the-job training	\$21,701	\$8.09	\$11.60
33-9091	Crossing Guards	210	230	20	9.5%	<5	10	10	Short-term on-the-job training	\$23,867	\$7.99	\$13.22
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	260	300	40	15.4%	<5	20	20	Short-term on-the-job training	\$18,860	\$7.43	\$9.88
33-9099	Protective Service Workers, All Other	130	140	10	7.7%	<5	10	10	Short-term on-the-job training	\$26,135	\$8.65	\$14.52
35-0000	Food Preparation and Serving Related Occupations	26,660	30,450	3,790	14.2%	380	1,060	1,440		\$17,441	\$5.99	\$9.58
35-1011	Chefs and Head Cooks	410	470	60	14.6%	10	10	20	Postsecondary vocational training	\$29,018	\$8.70	\$16.58
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,680	1,950	270	16.1%	30	40	70	Work experience in a related occupation	\$27,130	\$8.61	\$15.26
35-2011	Cooks, Fast Food	1,130	1,300	170	15.0%	20	40	60	Short-term on-the-job training	\$15,961	\$6.42	\$8.30

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35-2012	Cooks, Institution and Cafeteria	900	930	30	3.3%	<5	30	30	Long-term on-the-job training	\$21,530	\$8.48	\$11.28
35-2013	Cooks, Private Household	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2014	Cooks, Restaurant	1,600	1,840	240	15.0%	20	50	70	Long-term on-the-job training	\$20,112	\$6.94	\$11.03
35-2015	Cooks, Short Order	600	650	50	8.3%	10	20	30	Short-term on-the-job training	\$18,653	\$7.20	\$9.85
35-2019	Cooks, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2021	Food Preparation Workers	1,690	2,000	310	18.3%	30	60	90	Short-term on-the-job training	\$18,757	\$7.06	\$10.00
35-3011	Bartenders	2,840	3,170	330	11.6%	30	110	140	Short-term on-the-job training	\$16,877	\$6.78	\$8.78
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	5,570	6,440	870	15.6%	90	240	330	Short-term on-the-job training	\$16,002	\$5.95	\$8.57
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	660	760	100	15.2%	10	40	50	Short-term on-the-job training	\$15,772	\$6.33	\$8.21
35-3031	Waiters and Waitresses	5,670	6,510	840	14.8%	80	290	370	Short-term on-the-job training	\$15,403	\$5.91	\$8.16
35-3041	Food Servers, Nonrestaurant	510	540	30	5.9%	<5	20	20	Short-term on-the-job training	\$19,881	\$7.60	\$10.54

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35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,030	1,160	130	12.6%	10	30	40	Short-term on-the-job training	\$14,442	\$5.92	\$7.46
35-9021	Dishwashers	1,520	1,740	220	14.5%	20	50	70	Short-term on-the-job training	\$14,579	\$5.92	\$7.55
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	700	810	110	15.7%	10	20	30	Short-term on-the-job training	\$15,760	\$5.90	\$8.41
35-9099	Food Preparation and Serving Related Workers, All Other	140	160	20	14.3%	<5	<5	<5	Short-term on-the-job training	\$17,125	\$6.09	\$9.31
37-0000	Building and Grounds Cleaning and Maintenance Occupations	10,330	11,920	1,590	15.4%	160	210	370		\$20,880	\$6.95	\$11.58
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	400	480	80	20.0%	10	10	20	Work experience in a related occupation	\$32,491	\$10.39	\$18.23
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	180	210	30	16.7%	<5	<5	<5	Work experience in a related occupation	\$41,186	\$12.48	\$23.46
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,130	5,950	820	16.0%	80	100	180	Short-term on-the-job training	\$20,763	\$7.00	\$11.47
37-2012	Maids and Housekeeping Cleaners	3,030	3,410	380	12.5%	40	60	100	Short-term on-the-job training	\$18,119	\$6.84	\$9.65
37-2019	Building Cleaning Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-2021	Pest Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$21,169	\$7.17	\$11.68

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
37-3011	Landscaping and Groundskeeping Workers	1,470	1,720	250	17.0%	30	30	60	Short-term on-the-job training	\$20,528	\$6.56	\$11.52
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	40	10	33.3%	<5	<5	<5	Moderate-term on-the-job training	\$26,275	\$9.92	\$13.99
37-3013	Tree Trimmers and Pruners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$27,372	\$11.92	\$13.78
37-3019	Grounds Maintenance Workers, All Other	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,796	\$7.61	\$10.47
39-0000	Personal Care and Service Occupations	7,270	8,800	1,530	21.0%	150	170	320		\$20,869	\$7.18	\$11.46
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
39-1012	Slot Key Persons	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-1021	First-Line Supervisors/Managers of Personal Service Workers	270	330	60	22.2%	10	10	20	Work experience in a related occupation	\$32,298	\$10.96	\$17.81
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	*	*	*	*	10	10	20	Short-term on-the-job training	\$16,884	\$6.00	\$9.18
39-3011	Gaming Dealers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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39-3012	Gaming and Sports Book Writers and Runners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3019	Gaming Service Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-3021	Motion Picture Projectionists	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3031	Ushers, Lobby Attendants, and Ticket Takers	150	150	0	0.0%	<5	10	10	Short-term on-the-job training	\$13,417	\$5.87	\$6.74
39-3091	Amusement and Recreation Attendants	580	680	100	17.2%	10	20	30	Short-term on-the-job training	\$17,026	\$6.23	\$9.16
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	40	40	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$18,451	\$7.68	\$9.46
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-4011	Embalmers	10	20	10	100.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
39-4021	Funeral Attendants	60	70	10	16.7%	<5	<5	<5	Short-term on-the-job training	\$31,873	\$8.22	\$18.88
39-5011	Barbers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

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39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,040	1,180	140	13.5%	10	20	30	Postsecondary vocational training	\$21,474	\$7.60	\$11.68
39-5092	Manicurists and Pedicurists	40	50	10	25.0%	<5	<5	<5	Postsecondary vocational training	\$23,483	\$8.00	\$12.94
39-5093	Shampooers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5094	Skin Care Specialists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$32,739	\$9.57	\$18.82
39-6011	Baggage Porters and Bellhops	40	50	10	25.0%	<5	<5	<5	Short-term on-the-job training	\$15,217	\$6.02	\$7.96
39-6012	Concierges	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6021	Tour Guides and Escorts	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$15,347	\$5.98	\$8.08
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6031	Flight Attendants	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-9011	Child Care Workers	1,520	1,810	290	19.1%	30	40	70	Short-term on-the-job training	\$18,926	\$6.97	\$10.16



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39-9021	Personal and Home Care Aides	1,460	2,050	590	40.4%	60	20	80	Short-term on-the-job training	\$19,567	\$7.45	\$10.38
39-9031	Fitness Trainers and Aerobics Instructors	*	*	*	*	10	10	20	Postsecondary vocational training	*	*	*
39-9032	Recreation Workers	690	770	80	11.6%	10	20	30	Bachelor's degree	\$20,906	\$7.50	\$11.33
39-9041	Residential Advisors	70	90	20	28.6%	<5	<5	<5	Moderate-term on-the-job training	\$24,111	\$8.84	\$12.97
39-9099	Personal Care and Service Workers, All Other	80	90	10	12.5%	<5	<5	<5	Short-term on-the-job training	\$20,370	\$7.20	\$11.09
41-0000	Sales and Related Occupations	27,620	29,730	2,110	7.6%	210	950	1,160		\$31,902	\$7.08	\$19.46
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,070	2,170	100	4.8%	10	40	50	Work experience in a related occupation	\$37,185	\$10.76	\$21.44
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	490	510	20	4.1%	<5	10	10	Work experience in a related occupation	\$67,160	\$20.51	\$38.18
41-2011	Cashiers	7,490	7,390	-100	-1.3%	<5	370	370	Short-term on-the-job training	\$16,656	\$6.37	\$8.83
41-2012	Gaming Change Persons and Booth Cashiers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-2021	Counter and Rental Clerks	780	930	150	19.2%	20	30	50	Short-term on-the-job training	\$18,617	\$5.99	\$10.43

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41-2022	Parts Salespersons	480	440	-40	-8.3%	<5	10	10	Moderate-term on-the-job training	\$27,266	\$9.67	\$14.83
41-2031	Retail Salespersons	8,450	9,610	1,160	13.7%	120	310	430	Short-term on-the-job training	\$24,102	\$7.07	\$13.85
41-3011	Advertising Sales Agents	310	330	20	6.5%	<5	10	10	Moderate-term on-the-job training	\$42,336	\$12.42	\$24.32
41-3021	Insurance Sales Agents	950	1,100	150	15.8%	20	20	40	Bachelor's degree	\$59,009	\$13.05	\$36.03
41-3031	Securities, Commodities, and Financial Services Sales Agents	260	310	50	19.2%	10	<5	10	Bachelor's degree	\$73,499	\$17.22	\$44.39
41-3041	Travel Agents	90	80	-10	-11.1%	<5	<5	<5	Postsecondary vocational training	\$25,939	\$8.63	\$14.39
41-3099	Sales Representatives, Services, All Other	590	700	110	18.6%	10	10	20	Moderate-term on-the-job training	\$65,228	\$13.33	\$40.37
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	590	650	60	10.2%	10	20	30	Moderate-term on-the-job training	\$62,307	\$17.10	\$36.38
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,430	3,810	380	11.1%	40	90	130	Moderate-term on-the-job training	\$60,889	\$15.56	\$36.13
41-9011	Demonstrators and Product Promoters	170	200	30	17.6%	<5	<5	<5	Moderate-term on-the-job training	\$27,454	\$8.35	\$15.62
41-9012	Models	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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41-9021	Real Estate Brokers	60	70	10	16.7%	<5	<5	<5	Postsecondary vocational training	\$47,936	\$13.16	\$27.99
41-9022	Real Estate Sales Agents	90	110	20	22.2%	<5	<5	<5	Postsecondary vocational training	\$47,526	\$12.79	\$27.88
41-9031	Sales Engineers	190	210	20	10.5%	<5	10	10	Bachelor's degree	\$70,229	\$23.90	\$38.70
41-9041	Telemarketers	*	*	*	*	<5	10	10	Short-term on-the-job training	*	*	*
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-9099	Sales and Related Workers, All Other	300	350	50	16.7%	10	10	20	Moderate-term on-the-job training	\$40,769	\$10.67	\$24.06
43-0000	Office and Administrative Support Occupations	48,660	50,200	1,540	3.2%	150	1,120	1,270		\$28,331	\$9.12	\$15.87
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,610	2,720	110	4.2%	10	60	70	Work experience in a related occupation	\$44,858	\$13.28	\$25.71
43-2011	Switchboard Operators, Including Answering Service	430	380	-50	-11.6%	<5	10	10	Short-term on-the-job training	\$22,743	\$9.25	\$11.78
43-2021	Telephone Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-2099	Communications Equipment Operators, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
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43-3011	Bill and Account Collectors	640	780	140	21.9%	10	10	20	Short-term on-the-job training	\$28,363	\$9.52	\$15.69
43-3021	Billing and Posting Clerks and Machine Operators	1,180	1,190	10	0.8%	<5	20	20	Moderate-term on-the-job training	\$27,676	\$10.89	\$14.52
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,660	4,850	190	4.1%	20	90	110	Moderate-term on-the-job training	\$28,040	\$9.91	\$15.26
43-3041	Gaming Cage Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-3051	Payroll and Timekeeping Clerks	500	560	60	12.0%	10	10	20	Moderate-term on-the-job training	\$29,934	\$10.96	\$16.11
43-3061	Procurement Clerks	170	160	-10	-5.9%	<5	<5	<5	Short-term on-the-job training	\$28,441	\$11.77	\$14.63
43-3071	Tellers	1,420	1,570	150	10.6%	20	70	90	Short-term on-the-job training	\$21,329	\$8.89	\$10.94
43-4011	Brokerage Clerks	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$36,917	\$13.59	\$19.83
43-4021	Correspondence Clerks	30	20	-10	-33.3%	<5	<5	<5	Short-term on-the-job training	\$36,443	\$12.27	\$20.14
43-4031	Court, Municipal, and License Clerks	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$25,794	\$7.52	\$14.84
43-4041	Credit Authorizers, Checkers, and Clerks	80	50	-30	-37.5%	<5	<5	<5	Short-term on-the-job training	\$31,927	\$8.94	\$18.56

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43-4051	Customer Service Representatives	4,640	5,470	830	17.9%	80	70	150	Moderate-term on-the-job training	\$28,870	\$10.42	\$15.61
43-4061	Eligibility Interviewers, Government Programs	90	80	-10	-11.1%	<5	<5	<5	Moderate-term on-the-job training	\$31,776	\$10.32	\$17.75
43-4071	File Clerks	450	270	-180	-40.0%	<5	10	10	Short-term on-the-job training	\$21,310	\$7.94	\$11.40
43-4081	Hotel, Motel, and Resort Desk Clerks	690	810	120	17.4%	10	30	40	Short-term on-the-job training	\$18,702	\$7.04	\$9.97
43-4111	Interviewers, Except Eligibility and Loan	380	490	110	28.9%	10	10	20	Short-term on-the-job training	\$24,925	\$9.63	\$13.16
43-4121	Library Assistants, Clerical	200	210	10	5.0%	<5	10	10	Short-term on-the-job training	\$21,682	\$7.06	\$12.11
43-4131	Loan Interviewers and Clerks	370	360	-10	-2.7%	<5	10	10	Short-term on-the-job training	\$32,202	\$11.41	\$17.52
43-4141	New Accounts Clerks	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$25,451	\$11.74	\$12.49
43-4151	Order Clerks	810	580	-230	-28.4%	<5	20	20	Short-term on-the-job training	\$31,006	\$11.14	\$16.79
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	380	430	50	13.2%	10	10	20	Short-term on-the-job training	\$32,605	\$11.74	\$17.65
43-4171	Receptionists and Information Clerks	2,610	3,070	460	17.6%	50	60	110	Short-term on-the-job training	\$22,495	\$7.78	\$12.33

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43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$27,435	\$10.77	\$14.40
43-4199	Information and Record Clerks, All Other	430	420	-10	-2.3%	<5	10	10	Short-term on-the-job training	\$26,812	\$8.74	\$14.96
43-5011	Cargo and Freight Agents	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$30,788	\$11.07	\$16.67
43-5021	Couriers and Messengers	250	230	-20	-8.0%	<5	10	10	Short-term on-the-job training	\$22,813	\$9.27	\$11.81
43-5031	Police, Fire, and Ambulance Dispatchers	190	200	10	5.3%	<5	<5	<5	Moderate-term on-the-job training	\$35,560	\$14.81	\$18.24
43-5032	Dispatchers, Except Police, Fire, and Ambulance	400	420	20	5.0%	<5	10	10	Moderate-term on-the-job training	\$35,738	\$11.03	\$20.26
43-5041	Meter Readers, Utilities	160	80	-80	-50.0%	<5	10	10	Short-term on-the-job training	\$42,203	\$15.84	\$22.52
43-5051	Postal Service Clerks	120	120	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$47,247	\$19.60	\$24.27
43-5052	Postal Service Mail Carriers	700	690	-10	-1.4%	<5	20	20	Short-term on-the-job training	\$42,610	\$14.87	\$23.29
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	390	380	-10	-2.6%	<5	10	10	Short-term on-the-job training	\$39,393	\$12.16	\$22.33
43-5061	Production, Planning, and Expediting Clerks	870	910	40	4.6%	<5	20	20	Short-term on-the-job training	\$35,349	\$12.33	\$19.33

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43-5071	Shipping, Receiving, and Traffic Clerks	1,930	1,920	-10	-0.5%	<5	40	40	Short-term on-the-job training	\$26,906	\$9.28	\$14.77
43-5081	Stock Clerks and Order Fillers	3,470	3,130	-340	-9.8%	<5	130	130	Short-term on-the-job training	\$22,998	\$7.28	\$12.94
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	*	*	*	*	<5	10	10	Short-term on-the-job training	\$31,753	\$12.25	\$16.78
43-6011	Executive Secretaries and Administrative Assistants	3,230	3,560	330	10.2%	30	60	90	Moderate-term on-the-job training	\$33,461	\$11.97	\$18.14
43-6012	Legal Secretaries	290	330	40	13.8%	<5	10	10	Postsecondary vocational training	\$30,877	\$11.34	\$16.60
43-6013	Medical Secretaries	550	640	90	16.4%	10	10	20	Postsecondary vocational training	\$27,739	\$10.56	\$14.72
43-6014	Secretaries, Except Legal, Medical, and Executive	4,260	4,040	-220	-5.2%	<5	80	80	Moderate-term on-the-job training	\$26,841	\$9.82	\$14.45
43-9011	Computer Operators	210	140	-70	-33.3%	<5	10	10	Moderate-term on-the-job training	\$34,969	\$11.79	\$19.32
43-9021	Data Entry Keyers	570	560	-10	-1.8%	<5	10	10	Moderate-term on-the-job training	\$23,880	\$8.88	\$12.78
43-9022	Word Processors and Typists	280	220	-60	-21.4%	<5	10	10	Moderate-term on-the-job training	\$26,559	\$9.81	\$14.25
43-9031	Desktop Publishers	80	100	20	25.0%	<5	<5	<5	Postsecondary vocational training	\$36,315	\$11.95	\$20.21

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43-9041	Insurance Claims and Policy Processing Clerks	910	990	80	8.8%	10	20	30	Moderate-term on-the-job training	\$28,639	\$11.87	\$14.72
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	330	210	-120	-36.4%	<5	10	10	Short-term on-the-job training	\$23,042	\$8.92	\$12.16
43-9061	Office Clerks, General	4,940	5,150	210	4.3%	20	110	130	Short-term on-the-job training	\$23,253	\$7.95	\$12.79
43-9071	Office Machine Operators, Except Computer	170	120	-50	-29.4%	<5	<5	<5	Short-term on-the-job training	\$24,539	\$8.40	\$13.49
43-9081	Proofreaders and Copy Markers	30	30	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$32,939	\$8.67	\$19.42
43-9111	Statistical Assistants	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
43-9199	Office and Administrative Support Workers, All Other	580	610	30	5.2%	<5	10	10	Short-term on-the-job training	\$24,146	\$8.24	\$13.29
45-0000	Farming, Fishing, and Forestry Occupations	430	460	30	7.0%	<5	10	10		\$27,806	\$7.51	\$16.30
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	50	60	10	20.0%	<5	<5	<5	Work experience in a related occupation	\$43,447	\$15.58	\$23.54
45-2011	Agricultural Inspectors	10	20	10	100.0%	<5	<5	<5	Work experience in a related occupation	\$33,815	\$10.50	\$19.14
45-2021	Animal Breeders	*	*	*	*	<5	<5	<5	Associate degree	*	*	*



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45-2041	Graders and Sorters, Agricultural Products	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$19,944	\$7.39	\$10.69
45-2091	Agricultural Equipment Operators	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,904	\$9.83	\$16.65
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$23,367	\$6.99	\$13.36
45-2093	Farmworkers, Farm and Ranch Animals	100	110	10	10.0%	<5	<5	<5	Short-term on-the-job training	\$17,061	\$5.80	\$9.40
45-2099	Agricultural Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
45-3011	Fishers and Related Fishing Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4011	Forest and Conservation Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4021	Fallers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$24,953	\$11.85	\$12.07
45-4022	Logging Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4023	Log Graders and Scalers	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,466	\$12.24	\$15.85
45-4029	Logging Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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47-0000	Construction and Extraction Occupations	14,970	17,200	2,230	14.9%	220	290	510		\$39,229	\$12.33	\$22.13
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,050	1,220	170	16.2%	20	20	40	Work experience in a related occupation	\$57,752	\$18.79	\$32.25
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2021	Brickmasons and Blockmasons	250	310	60	24.0%	10	<5	10	Long-term on-the-job training	\$39,514	\$13.90	\$21.55
47-2022	Stonemasons	20	30	10	50.0%	<5	<5	<5	Long-term on-the-job training	\$37,946	\$12.98	\$20.88
47-2031	Carpenters	3,020	3,530	510	16.9%	50	50	100	Long-term on-the-job training	\$34,637	\$11.79	\$19.09
47-2041	Carpet Installers	130	150	20	15.4%	<5	<5	<5	Moderate-term on-the-job training	\$41,012	\$12.43	\$23.36
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$31,027	\$8.95	\$17.90
47-2043	Floor Sanders and Finishers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2044	Tile and Marble Setters	80	110	30	37.5%	<5	<5	<5	Long-term on-the-job training	\$46,084	\$16.78	\$24.85
47-2051	Cement Masons and Concrete Finishers	440	540	100	22.7%	10	10	20	Moderate-term on-the-job training	\$36,239	\$13.30	\$19.49

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47-2053	Terrazzo Workers and Finishers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2061	Construction Laborers	1,500	1,620	120	8.0%	10	20	30	Moderate-term on-the-job training	\$30,887	\$10.38	\$17.09
47-2071	Paving, Surfacing, and Tamping Equipment Operators	130	160	30	23.1%	<5	<5	<5	Moderate-term on-the-job training	\$46,209	\$18.83	\$23.91
47-2072	Pile-Driver Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2073	Operating Engineers and Other Construction Equipment Operators	830	950	120	14.5%	10	20	30	Moderate-term on-the-job training	\$43,536	\$15.17	\$23.81
47-2081	Drywall and Ceiling Tile Installers	230	260	30	13.0%	<5	10	10	Moderate-term on-the-job training	\$41,887	\$14.24	\$23.09
47-2082	Tapers	110	120	10	9.1%	<5	<5	<5	Moderate-term on-the-job training	\$38,982	\$12.43	\$21.90
47-2111	Electricians	1,790	2,000	210	11.7%	20	40	60	Long-term on-the-job training	\$45,758	\$16.91	\$24.55
47-2121	Glaziers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2131	Insulation Workers, Floor, Ceiling, and Wall	130	140	10	7.7%	<5	<5	<5	Moderate-term on-the-job training	\$44,074	\$15.12	\$24.22
47-2132	Insulation Workers, Mechanical	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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47-2141	Painters, Construction and Maintenance	690	810	120	17.4%	10	10	20	Moderate-term on-the-job training	\$30,531	\$11.22	\$16.41
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2151	Pipelayers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$48,580	\$16.42	\$26.82
47-2152	Plumbers, Pipefitters, and Steamfitters	1,280	1,480	200	15.6%	20	30	50	Long-term on-the-job training	\$45,461	\$15.91	\$24.83
47-2161	Plasterers and Stucco Masons	90	100	10	11.1%	<5	<5	<5	Long-term on-the-job training	\$33,203	\$12.19	\$17.85
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2181	Roofers	240	300	60	25.0%	10	10	20	Moderate-term on-the-job training	\$29,002	\$9.97	\$15.93
47-2211	Sheet Metal Workers	640	730	90	14.1%	10	20	30	Long-term on-the-job training	\$39,040	\$13.03	\$21.64
47-2221	Structural Iron and Steel Workers	150	180	30	20.0%	<5	<5	<5	Long-term on-the-job training	\$42,361	\$16.02	\$22.54
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	90	110	20	22.2%	<5	<5	<5	Short-term on-the-job training	\$30,469	\$11.62	\$16.16
47-3012	Helpers--Carpenters	*	*	*	*	<5	10	10	Short-term on-the-job training	\$25,590	\$9.53	\$13.69

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47-3013	Helpers--Electricians	*	*	*	*	<5	10	10	Short-term on-the-job training	\$31,156	\$11.84	\$16.55
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	70	70	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,165	\$7.90	\$14.20
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	*	*	*	*	<5	10	10	Short-term on-the-job training	\$25,846	\$9.69	\$13.79
47-3016	Helpers--Roofers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$26,543	\$12.28	\$13.00
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-4011	Construction and Building Inspectors	130	150	20	15.4%	<5	<5	<5	Work experience in a related occupation	\$48,455	\$13.57	\$28.16
47-4021	Elevator Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-4031	Fence Erectors	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$28,469	\$10.15	\$15.46
47-4041	Hazardous Materials Removal Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4051	Highway Maintenance Workers	650	740	90	13.8%	10	10	20	Moderate-term on-the-job training	\$30,398	\$8.79	\$17.53
47-4061	Rail-Track Laying and Maintenance Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
47-071	Septic Tank Servicers and Sewer Pipe Cleaners	60	70	10	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$33,091	\$12.54	\$17.59
47-4091	Segmental Pavers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4099	Construction and Related Workers, All Other	80	90	10	12.5%	<5	<5	<5	Moderate-term on-the-job training	\$38,191	\$15.92	\$19.58
47-5012	Rotary Drill Operators, Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5021	Earth Drillers, Except Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$33,871	\$13.99	\$17.43
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5041	Continuous Mining Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$32,634	\$11.23	\$17.92
47-5042	Mine Cutting and Channeling Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5051	Rock Splitters, Quarry	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5081	Helpers--Extraction Workers	0	10	10	100.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
47-5099	Extraction Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

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49-0000	Installation, Maintenance, and Repair Occupations	13,020	14,080	1,060	8.1%	110	300	410		\$37,167	\$11.94	\$20.83
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,080	1,160	80	7.4%	10	30	40	Work experience in a related occupation	\$52,892	\$17.15	\$29.57
49-2011	Computer, Automated Teller, and Office Machine Repairers	130	140	10	7.7%	<5	<5	<5	Postsecondary vocational training	\$28,021	\$9.34	\$15.54
49-2021	Radio Mechanics	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	180	170	-10	-5.6%	<5	<5	<5	Postsecondary vocational training	\$41,268	\$14.61	\$22.45
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2092	Electric Motor, Power Tool, and Related Repairers	60	60	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$32,886	\$10.85	\$18.29
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$36,890	\$14.72	\$19.24
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	130	140	10	7.7%	<5	<5	<5	Postsecondary vocational training	\$43,538	\$16.91	\$22.94
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	30	30	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$27,612	\$11.18	\$14.32

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49-2097	Electronic Home Entertainment Equipment Installers and Repairers	70	80	10	14.3%	<5	<5	<5	Postsecondary vocational training	\$30,658	\$11.98	\$16.12
49-2098	Security and Fire Alarm Systems Installers	40	50	10	25.0%	<5	<5	<5	Postsecondary vocational training	\$28,804	\$12.40	\$14.57
49-3011	Aircraft Mechanics and Service Technicians	50	60	10	20.0%	<5	<5	<5	Postsecondary vocational training	\$41,602	\$16.01	\$22.00
49-3021	Automotive Body and Related Repairers	350	370	20	5.7%	<5	10	10	Long-term on-the-job training	\$33,142	\$12.49	\$17.66
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$31,611	\$12.55	\$16.52
49-3023	Automotive Service Technicians and Mechanics	1,510	1,700	190	12.6%	20	40	60	Postsecondary vocational training	\$32,065	\$10.52	\$17.87
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	630	720	90	14.3%	10	20	30	Postsecondary vocational training	\$35,557	\$13.73	\$18.78
49-3041	Farm Equipment Mechanics	190	210	20	10.5%	<5	<5	<5	Postsecondary vocational training	\$32,512	\$11.89	\$17.50
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	220	240	20	9.1%	<5	10	10	Postsecondary vocational training	\$38,853	\$14.95	\$20.54
49-3043	Rail Car Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3051	Motorboat Mechanics	60	80	20	33.3%	<5	<5	<5	Long-term on-the-job training	\$29,668	\$9.99	\$16.40



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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
49-3052	Motorcycle Mechanics	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$33,971	\$11.53	\$18.73
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	80	90	10	12.5%	<5	<5	<5	Moderate-term on-the-job training	\$23,926	\$7.89	\$13.31
49-3091	Bicycle Repairers	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$21,785	\$8.44	\$11.49
49-3092	Recreational Vehicle Service Technicians	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$31,642	\$11.39	\$17.12
49-3093	Tire Repairers and Changers	*	*	*	*	<5	10	10	Short-term on-the-job training	\$19,568	\$6.54	\$10.84
49-9011	Mechanical Door Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$39,091	\$15.37	\$20.51
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	110	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$45,119	\$19.99	\$22.54
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	640	830	190	29.7%	20	10	30	Long-term on-the-job training	\$37,965	\$13.33	\$20.72
49-9031	Home Appliance Repairers	90	80	-10	-11.1%	<5	<5	<5	Long-term on-the-job training	\$32,824	\$11.07	\$18.14
49-9041	Industrial Machinery Mechanics	1,120	1,100	-20	-1.8%	<5	20	20	Long-term on-the-job training	\$41,437	\$14.58	\$22.59
49-9042	Maintenance and Repair Workers, General	3,310	3,590	280	8.5%	30	60	90	Long-term on-the-job training	\$34,117	\$11.58	\$18.81

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49-9043	Maintenance Workers, Machinery	360	370	10	2.8%	<5	10	10	Short-term on-the-job training	\$36,629	\$12.80	\$20.02
49-9044	Millwrights	280	290	10	3.6%	<5	10	10	Long-term on-the-job training	\$44,780	\$18.31	\$23.14
49-9045	Refractory Materials Repairers, Except Brickmasons	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9051	Electrical Power-Line Installers and Repairers	520	530	10	1.9%	<5	20	20	Long-term on-the-job training	\$47,741	\$16.12	\$26.37
49-9052	Telecommunications Line Installers and Repairers	210	250	40	19.0%	<5	10	10	Long-term on-the-job training	\$38,799	\$11.47	\$22.24
49-9061	Camera and Photographic Equipment Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9062	Medical Equipment Repairers	30	40	10	33.3%	<5	<5	<5	Associate degree	\$43,053	\$15.34	\$23.38
49-9063	Musical Instrument Repairers and Tuners	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-9064	Watch Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-9069	Precision Instrument and Equipment Repairers, All Other	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$59,061	\$16.55	\$34.31
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	120	110	-10	-8.3%	<5	<5	<5	Moderate-term on-the-job training	\$27,397	\$10.03	\$14.74

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
49-9092	Commercial Divers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9094	Locksmiths and Safe Repairers	10	20	10	100.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,012	\$7.69	\$14.19
49-9095	Manufactured Building and Mobile Home Installers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$27,833	\$10.63	\$14.76
49-9096	Riggers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
49-9098	Helpers--Installation, Maintenance, and Repair Workers	340	380	40	11.8%	<5	10	10	Short-term on-the-job training	\$23,875	\$8.16	\$13.14
49-9099	Installation, Maintenance, and Repair Workers, All Other	390	420	30	7.7%	<5	10	10	Moderate-term on-the-job training	\$29,548	\$9.95	\$16.33
51-0000	Production Occupations	48,580	48,410	-170	-0.3%	<5	1,160	1,160		\$31,151	\$10.06	\$17.44
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,070	3,180	110	3.6%	10	60	70	Work experience in a related occupation	\$49,940	\$16.04	\$27.99
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-2021	Coil Winders, Tapers, and Finishers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-2022	Electrical and Electronic Equipment Assemblers	250	240	-10	-4.0%	<5	10	10	Short-term on-the-job training	\$30,791	\$9.93	\$17.24

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51-2023	Electromechanical Equipment Assemblers	170	150	-20	-11.8%	<5	<5	<5	Short-term on-the-job training	\$36,317	\$13.56	\$19.41
51-2031	Engine and Other Machine Assemblers	140	130	-10	-7.1%	<5	<5	<5	Short-term on-the-job training	\$40,123	\$16.30	\$20.78
51-2041	Structural Metal Fabricators and Fitters	600	600	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$32,523	\$12.26	\$17.32
51-2091	Fiberglass Laminators and Fabricators	460	460	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$27,785	\$10.41	\$14.83
51-2092	Team Assemblers	5,520	5,890	370	6.7%	40	140	180	Moderate-term on-the-job training	\$24,768	\$8.83	\$13.45
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-2099	Assemblers and Fabricators, All Other	870	860	-10	-1.1%	<5	20	20	Moderate-term on-the-job training	\$29,712	\$11.58	\$15.63
51-3011	Bakers	470	530	60	12.8%	10	10	20	Long-term on-the-job training	\$22,799	\$8.20	\$12.34
51-3021	Butchers and Meat Cutters	500	530	30	6.0%	<5	10	10	Long-term on-the-job training	\$28,424	\$9.63	\$15.69
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	210	250	40	19.0%	<5	10	10	Short-term on-the-job training	\$22,771	\$8.88	\$11.98
51-3023	Slaughterers and Meat Packers	*	*	*	*	20	20	40	Moderate-term on-the-job training	*	*	*

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51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	110	110	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$26,633	\$9.79	\$14.31
51-3092	Food Batchmakers	660	670	10	1.5%	<5	20	20	Short-term on-the-job training	\$27,366	\$9.30	\$15.08
51-3093	Food Cooking Machine Operators and Tenders	200	190	-10	-5.0%	<5	10	10	Short-term on-the-job training	\$28,257	\$9.75	\$15.50
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	920	940	20	2.2%	<5	20	20	Moderate-term on-the-job training	\$34,869	\$13.54	\$18.38
51-4012	Numerical Tool and Process Control Programmers	100	110	10	10.0%	<5	<5	<5	Long-term on-the-job training	\$40,961	\$17.40	\$20.84
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	400	350	-50	-12.5%	<5	10	10	Moderate-term on-the-job training	\$34,490	\$12.02	\$18.86
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	280	290	10	3.6%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	110	110	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,285	\$14.45	\$16.06
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,370	1,150	-220	-16.1%	<5	30	30	Moderate-term on-the-job training	\$30,311	\$11.01	\$16.35
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	310	300	-10	-3.2%	<5	10	10	Moderate-term on-the-job training	\$28,514	\$10.13	\$15.50
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,010	940	-70	-6.9%	<5	20	20	Moderate-term on-the-job training	\$30,845	\$11.41	\$16.54

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51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	540	490	-50	-9.3%	<5	10	10	Moderate-term on-the-job training	\$31,890	\$11.40	\$17.30
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	200	190	-10	-5.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,865	\$13.87	\$16.76
51-4041	Machinists	1,770	1,860	90	5.1%	10	40	50	Long-term on-the-job training	\$35,325	\$13.19	\$18.88
51-4051	Metal-Refining Furnace Operators and Tenders	120	110	-10	-8.3%	<5	<5	<5	Moderate-term on-the-job training	\$31,207	\$12.39	\$16.31
51-4052	Pourers and Casters, Metal	160	160	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,152	\$12.91	\$16.01
51-4061	Model Makers, Metal and Plastic	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,120	\$14.31	\$18.17
51-4062	Patternmakers, Metal and Plastic	140	140	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$40,895	\$15.46	\$21.76
51-4071	Foundry Mold and Coremakers	280	280	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$32,205	\$11.57	\$17.44
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	1,270	-30	-2.3%	<5	30	30	Moderate-term on-the-job training	\$30,323	\$10.84	\$16.45
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	600	630	30	5.0%	<5	20	20	Moderate-term on-the-job training	\$31,596	\$12.30	\$16.64
51-4111	Tool and Die Makers	500	500	0	0.0%	<5	10	10	Long-term on-the-job training	\$42,280	\$17.48	\$21.75

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
51-4121	Welders, Cutters, Solderers, and Brazers	1,570	1,610	40	2.5%	<5	40	40	Postsecondary vocational training	\$33,239	\$13.79	\$17.08
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	290	290	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$33,495	\$12.83	\$17.74
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	160	160	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$32,860	\$12.64	\$17.38
51-4192	Lay-Out Workers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$35,163	\$12.47	\$19.12
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	160	170	10	6.3%	<5	<5	<5	Moderate-term on-the-job training	\$29,971	\$11.22	\$16.01
51-4194	Tool Grinders, Filers, and Sharpeners	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4199	Metal Workers and Plastic Workers, All Other	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
51-5011	Bindery Workers	570	590	20	3.5%	<5	20	20	Moderate-term on-the-job training	\$27,604	\$9.59	\$15.11
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-5021	Job Printers	210	230	20	9.5%	<5	10	10	Long-term on-the-job training	\$33,533	\$11.90	\$18.23
51-5022	Prepress Technicians and Workers	320	300	-20	-6.3%	<5	10	10	Postsecondary vocational training	\$31,119	\$11.63	\$16.63

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51-5023	Printing Machine Operators	1,040	1,090	50	4.8%	10	20	30	Moderate-term on-the-job training	\$36,698	\$12.04	\$20.45
51-6011	Laundry and Dry-Cleaning Workers	470	510	40	8.5%	<5	10	10	Moderate-term on-the-job training	\$19,637	\$7.62	\$10.35
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$19,461	\$7.64	\$10.22
51-6031	Sewing Machine Operators	460	400	-60	-13.0%	<5	10	10	Moderate-term on-the-job training	\$23,470	\$8.90	\$12.48
51-6041	Shoe and Leather Workers and Repairers	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$28,820	\$10.36	\$15.60
51-6042	Shoe Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6051	Sewers, Hand	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-6052	Tailors, Dressmakers, and Custom Sewers	60	60	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$22,604	\$8.87	\$11.87
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	60	50	-10	-16.7%	<5	<5	<5	Moderate-term on-the-job training	\$29,090	\$10.77	\$15.59
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*



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51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6092	Fabric and Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6093	Upholsterers	80	60	-20	-25.0%	<5	<5	<5	Long-term on-the-job training	\$29,819	\$11.49	\$15.76
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-7011	Cabinetmakers and Bench Carpenters	650	640	-10	-1.5%	<5	20	20	Long-term on-the-job training	\$28,427	\$10.08	\$15.46
51-7021	Furniture Finishers	70	50	-20	-28.6%	<5	<5	<5	Long-term on-the-job training	\$27,479	\$9.83	\$14.90
51-7031	Model Makers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-7032	Patternmakers, Wood	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$31,026	\$12.21	\$16.27
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	390	340	-50	-12.8%	<5	10	10	Moderate-term on-the-job training	\$25,373	\$9.54	\$13.53
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	570	490	-80	-14.0%	<5	20	20	Moderate-term on-the-job training	\$26,442	\$9.47	\$14.33

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
51-7099	Woodworkers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-8011	Nuclear Power Reactor Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8012	Power Distributors and Dispatchers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8013	Power Plant Operators	260	250	-10	-3.8%	<5	10	10	Long-term on-the-job training	\$51,803	\$16.37	\$29.17
51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$41,776	\$16.51	\$21.87
51-8031	Water and Liquid Waste Treatment Plant and System Operators	280	290	10	3.6%	<5	10	10	Long-term on-the-job training	\$40,636	\$16.48	\$21.07
51-8091	Chemical Plant and System Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8092	Gas Plant Operators	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8099	Plant and System Operators, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9011	Chemical Equipment Operators and Tenders	*	*	*	*	<5	10	10	Moderate-term on-the-job training	\$33,535	\$10.48	\$18.94

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		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	300	300	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$34,874	\$10.53	\$19.88
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	200	200	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$32,928	\$11.35	\$18.07
51-9022	Grinding and Polishing Workers, Hand	310	280	-30	-9.7%	<5	10	10	Moderate-term on-the-job training	\$30,792	\$11.60	\$16.41
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	630	610	-20	-3.2%	<5	20	20	Moderate-term on-the-job training	\$31,090	\$10.72	\$17.06
51-9031	Cutters and Trimmers, Hand	140	150	10	7.1%	<5	<5	<5	Short-term on-the-job training	\$29,409	\$11.08	\$15.67
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	630	610	-20	-3.2%	<5	10	10	Moderate-term on-the-job training	\$32,386	\$12.79	\$16.96
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	270	280	10	3.7%	<5	10	10	Moderate-term on-the-job training	\$30,312	\$10.64	\$16.54
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	130	130	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,755	\$12.58	\$18.05
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,290	2,380	90	3.9%	10	50	60	Moderate-term on-the-job training	\$29,072	\$9.54	\$16.19
51-9071	Jewelers and Precious Stone and Metal Workers	30	40	10	33.3%	<5	<5	<5	Postsecondary vocational training	\$35,968	\$13.59	\$19.14
51-9081	Dental Laboratory Technicians	*	*	*	*	<5	10	10	Long-term on-the-job training	\$33,509	\$11.79	\$18.27

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51-9082	Medical Appliance Technicians	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9083	Ophthalmic Laboratory Technicians	130	140	10	7.7%	<5	<5	<5	Moderate-term on-the-job training	\$25,101	\$8.69	\$13.76
51-9111	Packaging and Filling Machine Operators and Tenders	2,080	1,940	-140	-6.7%	<5	40	40	Short-term on-the-job training	\$24,585	\$8.09	\$13.69
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	750	730	-20	-2.7%	<5	20	20	Moderate-term on-the-job training	\$30,229	\$11.04	\$16.28
51-9122	Painters, Transportation Equipment	130	140	10	7.7%	<5	<5	<5	Long-term on-the-job training	\$36,751	\$14.58	\$19.21
51-9123	Painting, Coating, and Decorating Workers	140	150	10	7.1%	<5	<5	<5	Short-term on-the-job training	\$25,067	\$9.88	\$13.14
51-9131	Photographic Process Workers	60	50	-10	-16.7%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9132	Photographic Processing Machine Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-9191	Cementing and Gluing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$24,519	\$9.13	\$13.12
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	70	70	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$34,418	\$13.92	\$17.86
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$28,224	\$10.88	\$14.91

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51-9194	Etchers and Engravers	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	100	100	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,641	\$9.81	\$13.58
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,910	1,790	-120	-6.3%	<5	40	40	Moderate-term on-the-job training	\$35,579	\$12.79	\$19.27
51-9197	Tire Builders	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9198	Helpers--Production Workers	2,820	2,910	90	3.2%	10	80	90	Short-term on-the-job training	\$26,330	\$8.46	\$14.76
51-9199	Production Workers, All Other	1,280	1,100	-180	-14.1%	<5	30	30	Moderate-term on-the-job training	\$33,127	\$9.19	\$19.29
53-0000	Transportation and Material Moving Occupations	26,510	28,510	2,000	7.5%	200	570	770		\$29,478	\$8.23	\$17.14
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$30,873	\$12.24	\$16.14
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	460	480	20	4.3%	<5	10	10	Work experience in a related occupation	\$43,431	\$13.50	\$24.57
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	560	640	80	14.3%	10	10	20	Work experience in a related occupation	\$52,471	\$14.84	\$30.42
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*

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53-2012	Commercial Pilots	30	40	10	33.3%	<5	<5	<5	Postsecondary vocational training	\$57,624	Not Available	Not Available
53-2021	Air Traffic Controllers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
53-2022	Airfield Operations Specialists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$26,693	\$11.18	\$13.66
53-3021	Bus Drivers, Transit and Intercity	290	340	50	17.2%	10	10	20	Moderate-term on-the-job training	\$28,647	\$9.20	\$16.06
53-3022	Bus Drivers, School	980	1,160	180	18.4%	20	20	40	Short-term on-the-job training	\$24,699	\$9.30	\$13.16
53-3031	Driver/Sales Workers	740	830	90	12.2%	10	10	20	Short-term on-the-job training	\$26,117	\$6.69	\$15.49
53-3032	Truck Drivers, Heavy and Tractor-Trailer	7,190	8,110	920	12.8%	90	120	210	Moderate-term on-the-job training	\$38,719	\$12.67	\$21.59
53-3033	Truck Drivers, Light or Delivery Services	2,470	2,800	330	13.4%	30	20	50	Short-term on-the-job training	\$22,959	\$7.66	\$12.73
53-3041	Taxi Drivers and Chauffeurs	350	450	100	28.6%	10	<5	10	Short-term on-the-job training	\$18,205	\$6.30	\$9.98
53-3099	Motor Vehicle Operators, All Other	120	140	20	16.7%	<5	<5	<5	Short-term on-the-job training	\$17,131	\$6.36	\$9.17

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53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5011	Sailors and Marine Oilers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-5021	Captains, Mates, and Pilots of Water Vessels	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$39,198	\$13.90	\$21.32
53-5022	Motorboat Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$26,960	\$12.10	\$13.39
53-5031	Ship Engineers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
53-6011	Bridge and Lock Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$28,573	\$9.83	\$15.69
53-6021	Parking Lot Attendants	120	100	-20	-16.7%	<5	<5	<5	Short-term on-the-job training	\$20,377	\$8.55	\$10.42
53-6031	Service Station Attendants	110	120	10	9.1%	<5	10	10	Short-term on-the-job training	\$17,637	\$6.90	\$9.27
53-6041	Traffic Technicians	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-6099	Transportation Workers, All Other	60	60	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$29,211	\$8.23	\$16.95

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53-7011	Conveyor Operators and Tenders	130	130	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$32,604	\$9.61	\$18.71
53-7021	Crane and Tower Operators	80	90	10	12.5%	<5	<5	<5	Long-term on-the-job training	\$42,382	\$13.75	\$23.69
53-7031	Dredge Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7032	Excavating and Loading Machine and Dragline Operators	80	90	10	12.5%	<5	<5	<5	Moderate-term on-the-job training	\$29,999	\$11.93	\$15.67
53-7033	Loading Machine Operators, Underground Mining	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7041	Hoist and Winch Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7051	Industrial Truck and Tractor Operators	2,200	2,240	40	1.8%	<5	40	40	Short-term on-the-job training	\$29,720	\$10.98	\$15.94
53-7061	Cleaners of Vehicles and Equipment	830	870	40	4.8%	<5	30	30	Short-term on-the-job training	\$19,119	\$6.18	\$10.70
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,020	6,080	60	1.0%	10	200	210	Short-term on-the-job training	\$23,620	\$7.53	\$13.27
53-7063	Machine Feeders and Offbearers	650	540	-110	-16.9%	<5	20	20	Short-term on-the-job training	\$22,888	\$8.79	\$12.11
53-7064	Packers and Packagers, Hand	2,490	2,680	190	7.6%	20	50	70	Short-term on-the-job training	\$20,505	\$6.54	\$11.52



**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
53-7071	Gas Compressor and Gas Pumping Station Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7072	Pump Operators, Except Wellhead Pumpers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7081	Refuse and Recyclable Material Collectors	150	160	10	6.7%	<5	<5	<5	Short-term on-the-job training	\$28,215	\$10.08	\$15.31
53-7111	Shuttle Car Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-7121	Tank Car, Truck, and Ship Loaders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7199	Material Moving Workers, All Other	180	150	-30	-16.7%	<5	10	10	Moderate-term on-the-job training	\$28,593	\$8.38	\$16.43

**Notes:**

(1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment does not include self-employed, unpaid family, and railroad workers. Employment is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding.

(2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.

(3) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.

(4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in a given occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.

**Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.

**Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.

**Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.

**Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.

**Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

**Associate Degree:** This degree requires two years of full-time academic work beyond high school.

**Occupation Projections for Bay Area Wisconsin Workforce Development Area, 2004-2014**  
**(Brown, Door, Florence, Kewaunee, Manitowoc, Marinette, Menominee, Oconto, Shawano, and Sheboygan Counties)**

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>

**Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.

**Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.

**Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.

**First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.

**Bachelor's or higher degree, plus work experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

(5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.

(6) **Entry Level Hourly Wage** is the average of the lower third of wages that are paid in a given occupation.

(7) **Experienced Hourly Wage** is the average of the upper two-thirds of wages that are paid in a given occupation.

(8) Depending upon the specific position and employer either an Associate or Bachelor's degree are most common.

\* Data is suppressed to preserve the confidentiality of employers.

Projections information is derived using the November 2004 OES Survey, 2004 QCEW and 2004 CES (3/2005 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used. Wage information derived from the May 2005 Estimates Delivery System.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2004 to 2014. It is important to note unanticipated events may affect the accuracy of these projections.

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